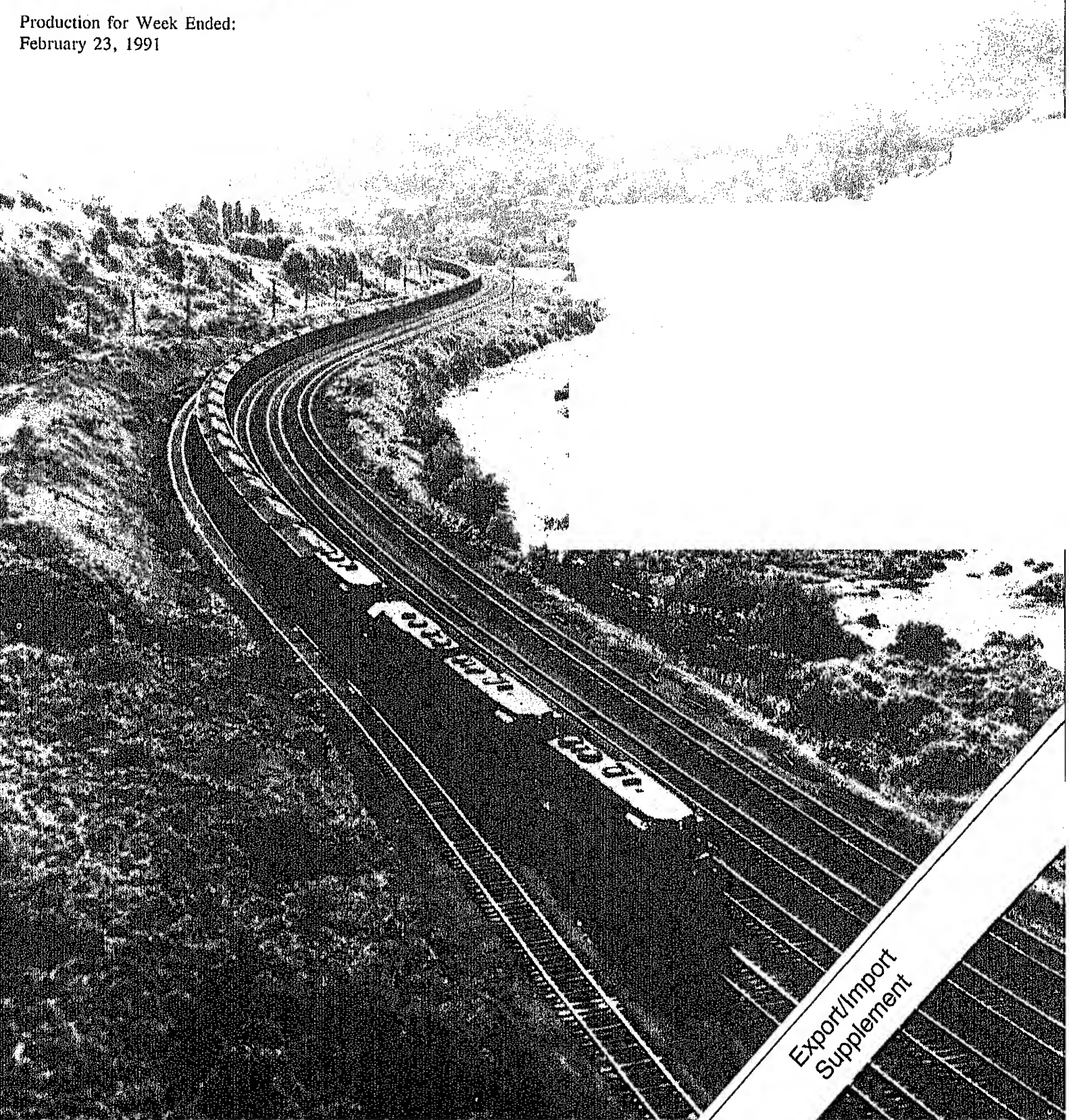


Weekly Coal Production

Production for Week Ended:
February 23, 1991



Export/Import
Supplement

Preface

The *Weekly Coal Production (WCP)* provides weekly estimates of U.S. coal production by State. Supplementary data are usually published monthly in two supplements: the Coal Exports and Imports Supplement and the Domestic Market Supplement. This week's Coal Exports and Imports Supplement contains detailed monthly data on U.S. coal and coke exports and imports. The Domestic Market Supplement contains detailed monthly electric utility coal statistics, by Census Division and State, for generation, consumption, stocks, receipts, sulfur content, prices, and the origin and destination of coal shipments. This supplement also contains summary-level, monthly data for all coal-consuming sectors on a quarterly basis.

Preliminary coal production data are published quarterly, based on production data collected using Form EIA-6, "Coal Distribution Report." Based on 1988 and 1989 data, the coal production estimation error for a quarter at the national level (i.e., the difference between the sum of the weekly estimates for a quarter and the quarterly EIA-6 preliminary data) ranges from 1 percent to 4 percent for 1988 and 1 to 2 percent for 1989.

Final coal production data are published annually, based on the EIA-7A coal production survey. Based on 1988 and 1989 data, the revision error for a quarter at the national level (i.e., the difference between the EIA-6 preliminary data and the EIA-7A final data) ranges from 0.02 percent to 0.08 percent for 1988 and 0.9 percent to 0.14 percent for 1989.

This publication is prepared by the Coal Division; Office of Coal, Nuclear, Electric and Alternate Fuels; Energy Information Administration (EIA) to fulfill its data collection and dissemination responsibilities as specified in the Federal Energy Administration Act of 1974 (P.L. 93-275) as amended. *Weekly Coal Production* is intended for use by industry, press, State and local governments, and consumers. Other publications that may be of interest are the quarterly *Coal Distribution*, the *Quarterly Coal Report*, *Coal Production 1989*, and *Coal Data: A Reference*.

This publication was prepared by Wayne M. Watson and Michelle D. Bowles under the direction of Mary K. Paull and Noel C. Balthasar, Chief, Data Systems Branch. Questions on energy statistics should be directed to the National Energy Information Center (NEIC) at 202/586-8800.

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Contents

Summary	1
Figure 1. Coal Production	2
Table 1. Coal Production	2
Table 2. Coal Production by State	3
Table 3. Coal Exports and Imports, 1981-1990	4
Table 4. Coal Exports, December 1990	5
Table 5. Average Price of Coal Exports, December 1990	6
Table 6. Steam Coal Exports, December 1990	7
Table 7. Average Price of Steam Coal Exports, December 1990	8
Table 8. Metallurgical Coal Exports, December 1990	9
Table 9. Average Price of Metallurgical Coal Exports, December 1990	10
Table 10. Coal Exports by Customs District, December 1990	11
Table 11. Coke Exports, December 1990	12
Table 12. Coal Imports, December 1990	12
Table 13. Average Price of Coal Imports, December 1990	13
Table 14. Coal Imports by Customs District, December 1990	13
Table 15. Coke Imports, December 1990	14

Summary

U.S. coal production in the week ended February 23, 1991, as estimated by the Energy Information Administration, totaled 21 million short tons. This was about the same as in the previous week, and in the comparable week in 1990. Production east of the Mississippi River totaled 12 million short tons, and production west of the Mississippi River totaled 9 million short tons.

1990 Coal Exports and Imports

U.S. coal exports in December 1990 were 8 million short tons, which brought the total for 1990 to 106 million short tons, the largest amount since 1982. The increase was due chiefly to a 13-percent rise in shipments to Europe. Of the more than 30 countries that imported U.S. coal in 1990, Canada, Japan, and Italy were the three leading destinations, together receiving more than one-third of the total. The 1990 coal exports were valued at \$4.5 billion, based on an average price of \$42.63 per short ton, about the same as in 1989. Slightly more than one-half of the coal was exported through the Customs District of Norfolk, Virginia, which handled 12 percent more export coal than in 1989. In 1990, coal exports from the United States ranked second to those from Australia.

Steam coal exports in 1990 totaled 42 million short tons, an increase of 19 percent over the amount in 1989. Exports to Canada, the principal destination, rose by 12 percent to 11 million short tons. The increase reflects a stock build-up by Ontario Hydro in anticipation of higher coal-fired generation, partly to offset maintenance-related outages at its nuclear power plants, and purchases of low-sulfur coal from

the western United States for test burns. Steam coal exports to Europe rose by 30 percent to 22 million short tons to meet an increase in coal-fired electricity generation. Italy, the Netherlands, and Denmark remained the three principal destinations, together receiving 57 percent of the total. Shipments to Belgium-Luxembourg were more than double and those to the United Kingdom were more than triple the amount in 1989. Steam coal exports to Taiwan, the leading Asian destination, rose by 14 percent.

Metallurgical coal exports in 1990 declined to 63 million short tons. Metallurgical coal remained the mainstay of U.S. coal exports, although its share of the total dropped to 60 percent from 65 percent. Japan continued as the principal destination, accounting for 11 million short tons. This was slightly lower than in 1989, reflecting competition from Australian and Canadian coal in the Japanese steel industry. Metallurgical coal exports to Canada dropped by more than one-third to 4 million short tons, a consequence of a decline in Canadian steel production. By comparison, metallurgical coal exports to Europe rose 5 percent to 37 million short tons. Italy, Belgium-Luxembourg, and France were the principal European destinations for U.S. metallurgical coal, accounting for nearly one-half of the total.

U.S. coal imports in 1990 totaled 2.7 million short tons, 5 percent less than in 1989. Colombia continued as the leading supplier, accounting for 53 percent of the total. Canada ranked second with 36 percent. Total coal imports in 1990 were valued at \$93 million, based on an average price of \$34.45 per short ton, virtually the same as in 1989.

Figure 1. Coal Production

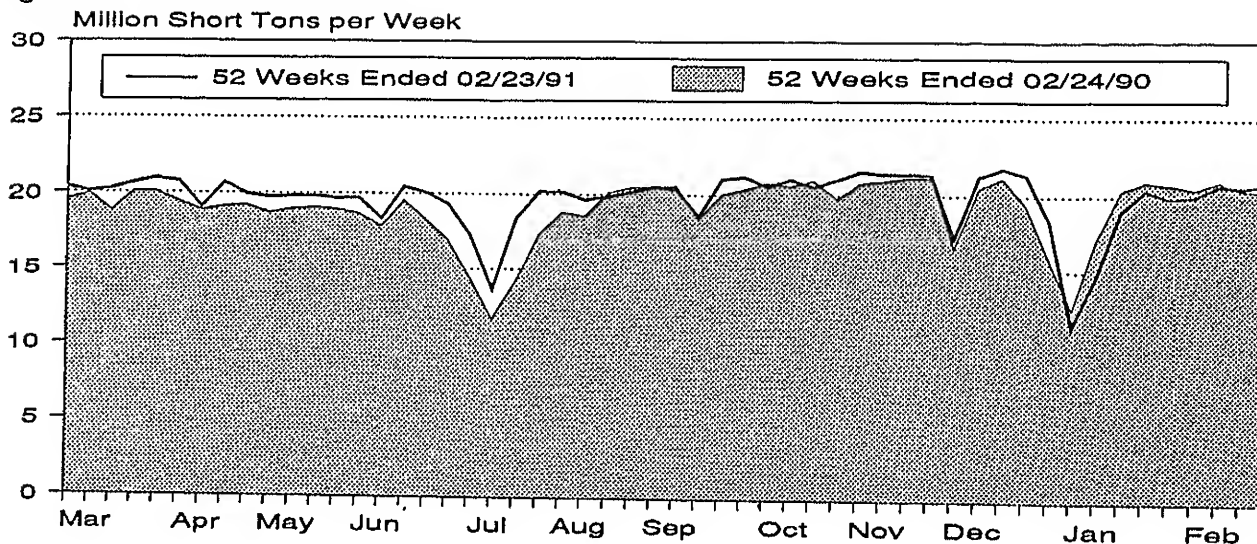


Table 1. Coal Production

	Week Ended			52 Weeks Ended		
Production and Carloadings	02/23/91	02/16/91	02/24/90	02/23/91	02/24/90	Percent Change
Production (Thousand Short Tons)						
Bituminous ¹ and Lignite	20,773	20,555	20,308	1,024,595	988,567	3.6
Pennsylvania Anthracite	57	52	57	3,070	3,229	-4.9
U.S. Total	20,829	20,607	20,365	1,027,665	991,797	3.6
Railroad Cars Loaded	132,250	130,381	129,751	6,644,323	6,431,363	

¹Includes subbituminous coal.

Notes: All data are preliminary. Totals may not equal sum of components because of independent rounding.

Sources: Association of American Railroads, Transportation Division, Weekly Statement CS-54A; Energy Information Administration, Form EIA-6, "Coal Distribution Report"; Form EIA-7A, "Coal Production Report"; and State mining agency coal production reports.

Table 2. Coal Production by State
(Thousand Short Tons)

Region and State	Week Ended		
	02/23/91	02/16/91	02/24/90
Bituminous Coal¹ and Lignite			
East of the Mississippi	11,895	11,403	12,672
Alabama	543	514	552
Illinois	1,323	1,307	1,346
Indiana	772	731	675
Kentucky	3,171	3,039	3,314
Kentucky, Eastern	2,342	2,242	2,487
Kentucky, Western	829	798	827
Maryland	57	54	70
Ohio	683	648	730
Pennsylvania Bituminous	1,277	1,180	1,588
Tennessee	132	129	134
Virginia	823	803	1,046
West Virginia	3,115	2,995	3,219
West of the Mississippi	8,878	9,152	7,635
Alaska	34	34	29
Arizona	239	236	245
Arkansas	*	*	*
Colorado	461	483	403
Iowa	7	7	7
Kansas	17	17	18
Louisiana	30	80	29
Missouri	45	45	54
Montana	802	838	701
New Mexico	442	481	508
North Dakota	661	690	564
Oklahoma	40	41	41
Texas	1,109	1,095	1,056
Utah	528	540	475
Washington	115	114	96
Wyoming	4,344	4,451	3,408
Bituminous ¹ and Lignite Total	20,773	20,555	20,308
Pennsylvania Anthracite	57	52	57
U.S. Total	20,829	20,607	20,365

¹Includes subbituminous coal.

*Less than 0.5 thousand short tons.

Notes: All data are preliminary. Totals may not equal sum of components because of independent rounding.

Sources: Association of American Railroads, Transportation Division, Weekly Statement CS-54A; Energy Information Administration, Form EIA-6, "Coal Distribution Report"; Form EIA-7A, "Coal Production Report"; and State mining agency coal production reports.

Table 9. Average Price of Metallurgical Coal Exports, December 1990
(Dollars per Short Ton)

Continent and Country of Destination	December 1990	November 1990	December 1989	Year to Date		Percent Change
				1990	1989	
North America Total	\$39.37	\$39.97	\$45.00	\$37.93	\$46.04	-17.6
Canada ¹	39.28	39.97	45.00	37.93	46.06	-17.7
Mexico	43.67	-	-	43.67	-	-
Other ²	-	-	-	49.93	36.38	37.3
South America Total	47.48	47.36	45.74	46.84	45.54	2.9
Argentina	47.78	45.92	-	45.80	44.54	2.8
Brazil	47.45	47.61	45.74	46.95	45.65	2.8
Chile	-	-	-	48.84	48.84	*
Europe Total	48.65	47.85	45.74	47.29	45.18	4.7
Albania	-	-	-	48.38	43.93	10.1
Belgium & Luxembourg	49.09	48.39	46.22	47.96	45.07	6.4
Bulgaria	-	-	49.90	49.44	49.90	-.9
Denmark	-	-	-	-	34.97	-
Finland	-	-	-	44.72	42.41	5.4
France	47.18	47.12	43.17	45.29	43.46	4.2
Ireland	-	-	-	-	36.20	-
Italy	48.55	48.23	46.34	47.70	46.20	3.2
Netherlands	47.44	48.25	46.93	47.12	44.83	5.1
Portugal	-	-	-	45.79	43.30	5.7
Romania	46.10	44.45	43.84	47.53	45.41	4.7
Spain	49.90	46.41	47.93	48.24	46.78	3.1
Sweden	-	48.15	-	48.61	46.84	3.8
Turkey	-	47.84	43.09	46.16	43.35	6.5
United Kingdom	49.75	49.41	47.83	48.49	46.44	4.4
West Germany	49.28	-	45.10	45.69	45.72	-.1
Yugoslavia	46.68	46.98	43.45	46.11	44.27	4.2
Other ²	45.00	-	-	45.00	-	-
Asia Total	48.17	45.00	45.52	46.18	44.36	4.1
China (Taiwan)	-	-	46.84	47.48	45.50	4.3
Israel	-	-	-	43.64	39.92	9.3
Japan	48.10	44.15	44.77	45.60	43.83	4.1
Korea, Republic of	48.29	48.63	47.17	48.07	46.23	4.0
Africa Total	46.67	48.57	-	46.67	45.56	2.4
Algeria	-	48.57	-	47.67	46.02	3.6
Egypt	46.67	-	-	45.98	45.59	.8
Other ²	-	-	-	-	33.11	-
Total	48.04	46.40	45.62	46.29	45.11	2.6
U.S. Total³	48.07	46.42	45.65	46.51	45.19	2.9

*For percentage calculations, the absolute value of the number is less than 0.05 percent.

¹Based on the U.S.-Canada Free Trade Agreement, as of January 1990, the U.S. Department of Commerce began reporting statistics on U.S. exports to Canada based on information on imports provided monthly by the Canadian government. For this reason the quantity and value for coal (metallurgical and steam) and the quantity for coke are no longer strictly comparable to the historical U.S. series.

²Includes countries with exports less than or equal to 50,000 short tons in 1989.

³Average price of all metallurgical coal exports.

Note: Total may not equal sum of components because of independent rounding. Average price is based on the free alongside ship (f.a.s.) value. The average prices presented in this table are considered to be representative prices for coal exports and fall within the range of \$28 to \$50 inclusively.

Source: Bureau of the Census, U.S. Department of Commerce, "Monthly Report EM 522."

Table 10. Coal Exports by Customs District, December 1990
(Short Tons)

Customs District	December 1990	November 1990	December 1989	Year to Date		Percent Change
				1990	1989	
Eastern Total	5,376,494	5,904,362	4,291,458	66,159,542	60,406,334	9.5
Boston, MA	-	-	-	54,033	-	-
Baltimore, MD	419,140	418,461	572,787	7,785,862	9,329,890	-16.5
Portland, ME	-	-	-	782	159	391.8
Buffalo, NY	125,403	2,709	5,021	503,075	48,258	NM
New York City, NY	54	10,925	87	17,283	1,790	NM
Ogdensburg, NY	1,621	12,938	762	53,936	9,954	441.9
Philadelphia, PA	29,713	432,311	108,134	3,236,809	2,496,670	29.6
Norfolk, VA	4,800,563	5,027,018	3,604,667	54,507,762	48,519,613	12.3
Southern Total	1,497,322	1,920,055	1,824,259	21,987,523	20,719,684	6.1
Mobile, AL	445,240	786,036	809,505	7,607,007	8,827,466	-13.8
Savannah, GA	194	-	-	194	725	-73.2
Miami, FL	-	335	193	1,270	11,159	-88.6
Tampa, FL	1,318	-	529	19,417	529	NM
New Orleans, LA	896,441	1,004,310	887,151	12,811,295	10,850,745	18.1
Wilmington, NC	-	-	-	-	70,417	-
Charleston, SC	134,025	103,408	126,384	1,192,771	834,728	42.9
Houston-Galveston, TX	16,695	21,321	-	154,108	76,531	101.4
Laredo, TX	3,409	4,645	497	201,461	47,384	325.2
Western Total	268,961	294,357	338,675	3,009,421	3,154,739	-4.6
Anchorage, AK	70,170	81,639	144,179	793,062	661,315	19.9
Nogales, AZ	-	-	-	2,673	-	-
Los Angeles, CA	162,839	155,289	187,846	1,935,812	2,301,403	-15.9
San Diego, CA	74	68	99	3,372	4,443	-24.1
San Francisco, CA	35,702	52,781	-	187,979	41,595	351.9
Great Falls, MT	-	-	-	131	98	33.7
Portland, OR	-	-	-	3,989	576	NM
Seattle, WA	176	4,580	6,551	82,403	145,309	-43.3
Northern Total	669,396	1,500,930	1,433,850	14,622,195	16,533,909	-11.6
Chicago, IL	-	-	-	47,242	-	-
Detroit, MI	276,494	239,694	3,022	3,901,244	44,562	NM
Duluth, MN	30,097	84,111	90,943	503,787	283,246	77.9
Pembina, ND	-	197	93	284	15,009	-98.1
Cleveland, OH	362,805	1,176,928	1,339,792	10,073,253	16,191,092	-37.8
Milwaukee, WI	-	-	-	96,385	-	-
Total	7,813,328	9,621,170	7,888,242	105,803,889	100,814,666	4.9

^{NM}Percent change calculation not meaningful as value is greater than 500.

Note: Total may not equal sum of components because of independent rounding.

Source: Bureau of the Census, U.S. Department of Commerce, "Monthly Report EM 522."

Table 11. Coke Exports, December 1990
(Short Tons)

Continent and Country of Destination	December 1990	November 1990	December 1989	Year to Date		Percent Change
				1990	1989	
North America Total	7,177	125,919	123,035	471,138	801,769	-41.2
Canada ¹	3,723	121,108	106,184	375,761	644,145	-41.7
Mexico	3,268	4,740	16,826	94,092	156,588	-39.9
Other ²	186	71	25	1,285	1,036	24.0
South America Total	-	-	-	56,758	99,422	-42.9
Venezuela	-	-	-	44,782	77,110	-41.9
Other ²	-	-	-	11,976	22,312	-46.3
Europe Total	-	4,708	11,423	44,203	88,251	-49.9
Asia Total	-	-	-	31	95,968	-100.0
Japan	-	-	-	31	71,756	-100.0
Other ²	-	-	-	-	24,212	-
Total	7,177	130,627	134,458	572,130	1,085,410	-47.3

¹Based on the U.S.-Canada Free Trade Agreement, as of January 1990, the U.S. Department of Commerce began reporting statistics on U.S. exports to Canada based on information on imports provided monthly by the Canadian government. For this reason the quantity and value for coal (metallurgical and steam) and the quantity for coke are no longer strictly comparable to the historical U.S. series.

²Includes countries with exports less than or equal to 50,000 short tons in 1989.

Note: Total may not equal sum of components because of independent rounding.

Source: Bureau of the Census, U.S. Department of Commerce, "Monthly Report EM 522."

Table 12. Coal Imports, December 1990
(Short Tons)

Continent and Country of Origin	December 1990	November 1990	December 1989	Year to Date		Percent Change
				1990	1989	
North America Total	95,364	76,089	82,051	979,220	1,061,668	-7.8
Canada	95,364	76,089	79,136	973,016	1,004,371	-3.1
Mexico	-	-	2,915	6,204	57,297	-89.2
South America Total	172,270	148,315	186,302	1,690,987	1,695,495	-.3
Argentina	-	-	-	-	265	-
Colombia	143,413	148,315	159,422	1,428,147	1,338,562	6.7
Venezuela	28,857	-	26,880	262,840	356,668	-26.3
Europe Total	1	-	-	5,392	11,539	-53.3
Denmark	-	-	-	130	-	-
France	-	-	-	-	10	-
Netherlands	-	-	-	-	11,198	-
.	-	-	-	46	-	-
.	-	-	-	5,215	-	-
.	1	-	-	1	331	-99.7
.	-	-	-	2	47,786	-100.0
.	-	-	-	-	47,694	-
.	-	-	-	-	41	-
.	-	-	-	2	-	-
.	-	-	-	-	51	-
Total	-	-	34,645	23,794	34,645	-31.3
.	-	-	34,645	23,794	34,645	-31.3
.	267,635	224,404	302,998	2,699,395	2,851,133	-5.3

it equal sum of components because of independent rounding.
the Census, U.S. Department of Commerce, "Monthly Report IM 145."

Table 13. Average Price of Coal Imports, December 1990
(Dollars per Short Ton)

Continent and Country of Origin	December 1990	November 1990	December 1989	Year to Date		Percent Change
				1990	1989	
North America Total	\$23.67	\$23.87	\$23.67	\$24.55	\$26.07	-5.8
Canada	23.67	23.87	23.05	24.45	25.73	-5.0
Mexico	-	-	35.06	38.36	31.26	22.7
South America Total	37.56	36.14	36.41	37.59	35.06	7.2
Colombia	35.57	36.14	36.14	36.87	35.49	3.9
Venezuela	47.49	-	37.98	41.50	33.48	24.0
Europe Total	-	-	-	37.17	44.34	-16.2
Denmark	-	-	-	36.35	-	-
Netherlands	-	-	-	-	44.34	-
United Kingdom	-	-	-	37.19	-	-
Oceania & Australia Total	-	-	34.44	41.73	34.44	21.2
Australia	-	-	34.44	41.73	34.44	21.2
Total	32.78	32.14	33.55	33.43	31.97	4.6
U.S. Total¹	33.40	32.86	35.09	34.45	34.14	.9

¹Average price of all coal imports.

Note: Total may not equal sum of components because of independent rounding. Average price is based on the free alongside ship (f.a.s.) value. The average prices presented in this table are considered to be representative prices for coal imports and fall within the range of \$20 to \$50 inclusively.

Source: Bureau of the Census, U.S. Department of Commerce, "Monthly Report IM 145."

Table 14. Coal Imports by Customs District, December 1990
(Short Tons)

Customs District	December 1990	November 1990	December 1989	Year to Date		Percent Change
				1990	1989	
Eastern Total	28,858	72,670	33,919	351,348	461,348	-23.8
Boston, MA	-	39,918	-	139,771	27,669	405.2
Baltimore, MD	-	-	-	-	258,615	-
Portland, ME	28,857	-	-	143,868	33	NM
Buffalo, NY	-	-	-	69	26,849	-99.7
New York City, NY	1	-	-	1	41	-97.6
Ogdensburg, NY	-	-	19	45	219	-79.5
Philadelphia, PA	-	32,752	33,900	67,594	147,922	-54.3
Southern Total	143,413	75,645	155,317	1,384,974	1,363,389	1.6
Mobile, AL	-	-	-	-	34,004	-
Tampa, FL	143,413	41,253	118,230	1,058,354	900,188	17.6
New Orleans, LA	-	-	-	-	28,660	-
Wilmington, NC	-	-	-	46	-	-
San Juan, PR	-	34,392	34,172	234,989	328,849	-28.5
Houston-Galveston, TX	-	-	-	5,215	15,910	-67.2
Laredo, TX	-	-	2,915	6,204	55,778	-88.9
Virgin Islands	-	-	-	80,166	-	-
Western Total	2,394	2,206	39,005	96,480	169,054	-42.9
Los Angeles, CA	-	-	-	2	-	-
San Diego, CA	-	-	-	-	19	-
San Francisco, CA	-	-	-	-	47,745	-
Honolulu, HI	-	-	34,645	23,794	34,645	-31.3
Great Falls, MT	2,394	2,206	1,060	42,017	75,579	-44.4
Seattle, WA	-	-	3,300	30,667	11,066	177.1
Northern Total	92,970	73,883	74,757	866,593	857,342	1.1
Chicago, IL	29,825	29,490	22,369	316,534	476,060	-33.5
Duluth, MN	-	-	-	-	431	-
Pembina, ND	63,145	44,393	52,388	550,059	364,237	51.0
Cleveland, OH	-	-	-	-	16,614	-
Total	267,635	224,404	302,998	2,699,395	2,851,133	-5.3

^{NM}Percent change calculation not meaningful as value is greater than 500.

Note: Total may not equal sum of components because of independent rounding.

Source: Bureau of the Census, U.S. Department of Commerce, "Monthly Report IM 145."

Table 15. Coke Imports, December 1990
(Short Tons)

Continent and Country of Origin	December 1990	November 1990	December 1989	Year to Date		Percent Change
				1990	1989	
North America Total	904	1,272	10,603	166,271	230,478	-27.9
Canada	904	1,272	1,608	144,484	206,785	-30.1
Mexico	-	-	8,995	21,787	23,693	-8.0
Europe Total	-	-	43,919	39,572	862,363	-95.4
Belgium & Luxembourg	-	-	-	-	98,283	-
France	-	-	-	-	36,872	-
Italy	-	-	17,415	39,572	17,415	127.2
Netherlands	-	-	-	-	17,244	-
Poland	-	-	-	-	118,656	-
United Kingdom	-	-	-	-	56,201	-
West Germany	-	-	26,504	-	469,845	-
Yugoslavia	-	-	-	-	47,847	-
Asia Total	39,906	47,232	-	336,841	754,688	-55.4
China (Mainland)	-	-	-	-	67,054	-
Japan	39,906	47,232	-	336,841	687,634	-51.0
Oceania & Australia Total	-	40,084	-	222,092	463,851	-52.1
Australia	-	40,084	-	222,092	463,851	-52.1
Total	40,810	88,588	54,522	764,776	2,311,380	-66.9

Note: Total may not equal sum of components because of independent rounding.

Source: Bureau of the Census, U.S. Department of Commerce, "Monthly Report IM 145."

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